

#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231 www.hspio.gov

APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/025,245		12/19/2001	Terrill L. Woolsey	01-835	7444	
24319	7590	02/27/2003				
LSI LOGIC CORPORATION				EXAMINER		
1621 BARBER LANE MS D-106, LEGAL DEPARTMENT				NGO, HUNG V		
MILPITAS, CA 95035		035		ART UNIT	PAPER NUMBER	
			•	2831	2	
				DATE MAILED: 02/27/2003	9	

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No. 10/025,245

Applicant(s)

Woolsey

Examiner

Hung V. Ngo

Art Unit 2831



Period for Repty A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE3MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  Lethorizon of time wips available winder the provision of 37 CFR 1.39 (a). In so event, however, may a repty to stroxy field after SIX (6) MONTHS from the mailing date of this corromaction.  Lethorizon of time provide men by available winder the provision of 37 CFR 1.39 (a). In so event, however, may a repty to stroxy field after SIX (6) MONTHS from the mailing date of this corromaction.  Lethorizon of the provision of the strong date of this corromaction, even if simply field, may reduce any centre operated time.  Lethorizon of the provision of	The MAILING DATE of this communication appears on the cover sheet with the correspondence address								
THE MAILING DATE OF THIS COMMUNICATION.  Extension of time may be available under the provisor of 3 of CR1 138 (b). In no event, however, may a right, be trimely fleid after SIX (8) MONTHS from the mailing date of this communication.  If the period for my benefided above on ites than thinry (30) days, a right within the set of the communication of the provisor of the period for the period for the provisor of the period for	• •								
mailing date of the communication.  If the period for reply associated above is less than thirty (30) days, a reply within the statutory minimum of theirty (30) days will be considered treatly.  If NO period for reply is appecified above, the maximum statutory poind will early and will apper SX (8) MXRITIS from the mailing date of this communication.  If NO period for reply is appecified above, the maximum statutory poind will early and will apper SX (8) MXRITIS from the mailing date of the communication.  Responsive to communication(s) filled on	\ <del></del>								
If NO pried for reply is specified above, the maximum statutory period will reply and this gains (SX 8) MONTHS from the mailing date of the communication.  Failar to prefly within the set or standard period for resty will, by statute, cause the application to be prefix of the property									
1) Responsive to communication(s) filed on	<ul> <li>If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.</li> <li>If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.</li> <li>Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).</li> <li>Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any</li> </ul>								
2a) ☐ This action is FINAL.  2b) ☑ This action is non-final.  3] ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.  Disposition of Claims  4] ☑ Claim(s) 1-24									
3   Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.  Disposition of Claims  4  Claim(s)	1)	Responsive to communication(s) filed on			•				
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11; 453 O.G. 213.  Disposition of Claims 4) \( \text{ Claim(s) } \) \( 1.24 \) is/are pending in the application.  4a) Of the above, claim(s)	2a) 🗌	This action is <b>FINAL</b> . 2b) 💢 This act	ion is non-final.						
All	3) 🗆								
4a) Of the above, claim(s)   is/are withdrawn from consideration.   5)	Disposit	tion of Claims							
Signare allowed.   Signare rejected.   Signare rejected.   Signare rejected.   Signare rejected.   Signare rejected.   Signare rejected.   Signare objected to.   Signare objected to by the Examiner.   Application Papers   The specification is objected to by the Examiner.   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).   Signare objected to by the Examiner.   If approved, corrected drawings are required in reply to this Office action.   Signare objected to by the Examiner.   If approved, corrected drawings are required in reply to this Office action.   Signare objected to by the Examiner.   Signare objected to by the Examiner.   Signare objected to by the Examiner.   Signare objected objected to by the Examiner.   Signare objected objected to by the Examiner.   Signare objected	4) 💢	Claim(s) <u>1-24</u>			is/are pending in the application.				
claim(s) 1-24   is/are rejected.   7]	4	a) Of the above, claim(s)			is/are withdrawn from consideration.				
Claims	5) 🗆	Claim(s)			is/are allowed.				
are subject to restriction and/or election requirement.  Application Papers  9	6) 💢	Claim(s) <u>1-24</u>	,		is/are rejected.				
Application Papers  9)	7) 🗆	Claim(s)			is/are objected to.				
Application Papers  9)	8) 🗆	Claims	are s	ubject to r	estriction and/or election requirement.				
The drawing(s) filed on									
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  11) The proposed drawing correction filed on	9) 🗆	The specification is objected to by the Examiner.							
The proposed drawing correction filed on	10)	The drawing(s) filed on is/are	a) accepted	or b)□ ol	pjected to by the Examiner.				
The proposed drawing correction filed on		Applicant may not request that any objection to the d	rawing(s) be held	in abeyand	e. See 37 CFR 1.85(a).				
12) The oath or declaration is objected to by the Examiner.  Priority under 35 U.S.C. §§ 119 and 120  13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some* c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s).  5) Notice of Informal Petent Application (PTO-152)	11)	The proposed drawing correction filed on	is: a	a) appro	oved b) $\square$ disapproved by the Examine				
Priority under 35 U.S.C. §§ 119 and 120  13)  Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a)  All b)  Some* c)  None of:  1.  Certified copies of the priority documents have been received.  2.  Certified copies of the priority documents have been received in Application No.  3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14)  Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  a)  The translation of the foreign language provisional application has been received.  15)  Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1)  Notice of References Cited (PTO-892)  4)  Interview Summary (PTO-413) Paper No(e).  2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  5)  Notice of Informal Patent Application (PTO-152)		If approved, corrected drawings are required in reply t	to this Office actio	on.					
13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  a) All b) Some* c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s).  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)	12) 🗌	The oath or declaration is objected to by the Exami	ner.						
a) All b) Some* c) None of:  1. Certified copies of the priority documents have been received.  2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s).  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)	Priority	under 35 U.S.C. §§ 119 and 120							
1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). a) ☐ The translation of the foreign language provisional application has been received.  15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) ☑ Notice of References Cited (PTO-892)	13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).								
2. Certified copies of the priority documents have been received in Application No.  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s).  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)	a)	] All b)□ Some* c)□ None of:							
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § § 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s).  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)	,	1. $\square$ Certified copies of the priority documents hav	e been received.						
application from the International Bureau (PCT Rule 17.2(a)).  *See the attached detailed Office action for a list of the certified copies not received.  14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  a) The translation of the foreign language provisional application has been received.  15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s).  2) Notice of Dreftsperson's Patent Drewing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)	:	2. Certified copies of the priority documents have been received in Application No							
14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).  a) ☐ The translation of the foreign language provisional application has been received.  15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § § 120 and/or 121.  Attachment(s)  1) ☑ Notice of References Cited (PTO-892)  4) ☐ Interview Summary (PTO-413) Paper No(s)  2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) ☐ Notice of Informal Patent Application (PTO-152)	application from the International Bureau (PCT Rule 17.2(a)).								
a) The translation of the foreign language provisional application has been received.  15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413) Paper No(s).  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)	_								
15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Attachment(s)  1) Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  4) Interview Summary (PTO-413) Paper No(s).  5) Notice of Informal Patent Application (PTO-152)	_								
Attachment(s)  1) X Notice of References Cited (PTO-892)  2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  4) Interview Summary (PTO-413) Paper No(s)  5) Notice of Informal Patent Application (PTO-152)									
1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s). 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)			priority under 3:	0.S.C. 9	3 120 and/or 121.				
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  5) Notice of Informal Patent Application (PTO-152)	_		4) Interview Summ	nary (PTO-413)	Paner No(c)				
			_						

Application/Control Number: 10/025245 Page 2

Art Unit: 2831

### **DETAILED ACTION**

# Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 3, 4, 19, 20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 3, 19, lines 2, 3, "system is aligned with gravity" is not clearly understood.

Claims 4, 20, line 2, "self-extracting" is not clearly understood.

## Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Miller et al.

Miller et al disclose a frame including an aperture and a pocket, a panel door (46) including at least one extension (37) and secure mechanism or latch (36)(Fig 5A)

Application/Control Number: 10/025245 Page 3

Art Unit: 2831

3. Claims 1-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Cooke et al.

Cooke et al disclose a frame (Fig 29) including an aperture and a pocket, a panel door (575) including at least one extension (700) and secure mechanism or latch (705, 710, 715, 720)(Fig 26)

#### Communication

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung V. Ngo whose telephone number is (703) 308-7614. The examiner can normally be reached on Tuesday to Friday from 8:30 am to 06:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard, can be reached on (703) 308-3682.

The fax phone number for this Group is (703) 305-3431 or (703) 305-3432.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.

Hung V. Ngo

February 24, 2003

How VNCO

HUNG V. NGO PATENT EXAMINER